

EcoSorb® CS

granular coconut shell based activated carbon

Features and Benefits

- High activity and density
- Optimized pore structure
- Exceptional hardness and strength
- Rigorously dedusted
- Maximum contaminant loading
- High adsorption capacity
- Minimal product degradation
- Clean handling during filter/adsorber loading

Typical Applications

- Comfort air systems (HVAC)
- Catalyst support
- VOC control
- Pressure swing adsorption units
- Rayon viscose production

Available Particle Sizes

- 3x6 mesh (3.35 - 6.30 mm)
- 4x8 mesh (2.36 - 4.75 mm)
- 6x12 mesh (1.70 - 3.35 mm)
- 8x16 mesh (1.18 - 2.36 mm)
- Other granulations available upon request

Standard Packaging

- 25 kg bag (55 lb)
- 500 kg bulk bag (1100 lb)



The polyethylene valve bag from Jacobi sets the standard in the industry for clean, durable and safe handling.

EcoSorb® CS is a high activity granular activated carbon manufactured by steam activation from select coconut shell charcoal. It is ideally suited for use in vapour phase applications such as solvent recovery, VOC adsorption in air treatment processes and the purification of industrial and natural gas. Due to its extensively developed micropore structure, EcoSorb® CS is particularly designed for the adsorption of low molecular weight compounds present in low concentrations in air or gas.



Manufacturers rely upon EcoSorb® activated carbons for the efficient and economical treatment of vapour and gas streams containing organics and other contaminants.

Specification

CTC activity	min. 50%
Moisture content	max. 5%
Total ash content	max. 4%
Ball-pan hardness	min. 98%

Typical Properties

Surface area (BET)	1100 m ² /g
Butane activity	22%
Apparent density	450 - 530 kg/m ³
Iodine number	1000 mg/g

Jacobi Carbons reserves the right to modify specifications without prior notice. To obtain a full sales specification with test methods, please contact your nearest Jacobi Carbons office.

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Polyethylene valve bags of
25 kg (55 lb) net weight on
500 kg (1100 lb) pallets



Polypropylene liner-free
FIBCs (super sacks) of
500 kg (1100 lb) net weight

CAUTION Activated carbon is a strong oxidizing agent and can remove oxygen from air under wet or humid conditions. Care should be taken when entering confined spaces where wet activated carbon is present. Ensure the use of correct breathing apparatus. Material Safety Data Sheets should be consulted for further details on procedures in the event of contact with activated carbon.

NOTICE Due to the progressive nature of Jacobi Carbons Group and the continually improving design and performance of our products, we reserve the right to change product specifications without prior notification. The information contained in this datasheet is intended to assist a customer in the evaluation and selection of products supplied by Jacobi Carbons. The customer is responsible for determining whether products and the information contained in this document are appropriate for customer's use. Jacobi Carbons assumes no obligation or liability for the usage of the information in this datasheet, no guarantees or warranties, expressed or implied, are provided. Jacobi Carbons disclaims responsibility and the user must accept full responsibility for performance of systems based on this data.

ISO 9001

BUREAU VERITAS
Certification

